

IN THE ABSTRACT

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ABSTRACT OF THE DISCLOSURE

A process for removing oil-in-water emulsion and the wrapped ~~target~~ components from waste water. The process consists of collecting the emulsion waste water, adding a precipitation reagent with trivalent cations, and adding a ~~weak~~ base compound to adjust the pH of the waste water. The adjusted waste water converts the dissolved trivalent cations to gelatinous cation hydroxide precipitations and separates the emulsion along with the wrapped ~~target~~ components from the waste water. The process can be enhanced by also utilizing a filtration means to further separate the precipitation from the waste water. The process is designed to reduce the level of the emulsion from 1000 ppm to less than 1 ppm.